Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 23 Oct 2023 until 23:59 on Tuesday 24 Oct 2023

Forecast Issued on Sunday 22 Oct 2023 at 12:56

Confidence: High confidence for a largely dry day on Monday before generally unsettled conditions become established for the rest of the coming week. Lower confidence on the detail and timing of various rain/shower bands.

Headline for Monday 23 Oct 2023: Patchy morning fog or low cloud should clear to leave largely dry conditions through daylight hours. Becoming breezy.

Mountain weather hazards on Monday 23 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability							
00%	00%	10%	10%	<05%	<05%	<05%	30%

Forecast for Monday 23 Oct 2023

Weather: Dry conditions overnight with clear spells. Patchy fog and low cloud will form in valleys, and also on some eastern upslopes. These will gradually lift and largely disperse through the morning to leave generally cloud-free summits into the afternoon, however cloud may linger across the highest east-facing peaks through the afternoon. Generally dry conditions throughout daylight hours with some bright spells. However, cloud will thicken from the south through the afternoon and evening, with outbreaks of rain arriving towards midnight.

Chance of cloud-free hill tops above 600m: 30% through the morning but improving to 90% or more by afternoon. Probably decreasing again to 80% towards midnight.

Low cloud and visibility: Valley fog and low cloud will gradually lift and disperse to leave generally good to very good visibility by afternoon, with cloud bases generally above summits. Towards midnight cloud is likely to descend onto the higher tops.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 23 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 S	11/15 SE	11/16 SE	15/23 SE	14/20 E	17/24 E	16/23 E	16/23 E	15/22 E
300	5/9 SE	5/10 SE	6/11 E	9/17 E	12/18 E	12/20 E	12/21 E	11/19 E	8/14 NE
Valley	5/8 E	6/10 E	7/13 E	9/17 E	11/19 E	11/21 E	10/23 E	10/21 E	8/19 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/4	7/4	7/4	7/4	8/4	7/4	7/3	7/3
300	8/6	8/7	8/6	9/7	10/8	11/8	10/8	9/7	9/7
Valley	8/6	8/6	8/6	10/8	12/10	12/9	10/8	10/8	10/8
Freezing Level*	1600m	1600m	1600m	1700m	1700m	1600m	1600m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The recent heavy rainfall may continue to have an effect on walking conditions, with saturated ground likely in places and some smaller watercourses possibly in spate.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 22 Oct 2023	N/A	N/A	N/A

Forecast for Tuesday 24 Oct 2023

Weather: Outbreaks of rain, some moderate to heavy at times, will slowly ease from the south from late afternoon to leave mostly dry conditions by midnight.

Maximum wind: Northeasterly 15mph at first, becoming variable 5-10mph in the evening.

Chance of cloud-free hill tops above 600m: 10% at first, likely improving to 50% later in the day.

Low cloud and visibility: Rather extensive areas of cloud above 300-400m at first, more especially affecting eastern upslopes and giving poor to very poor visibility across affected summits. This is likely to lift a little during the afternoon, although cloud is likely to persist across higher summits into the evening. Elsewhere, visibility is likely to become moderate or good as rain clears later. However, where any cloud breaks develop through the evening, patchy fog may form in valleys.

Temperature: **Valleys:** Plus 8 degrees Celsius rising to Plus 11 degrees Celsius.
At 600m: Plus 7 degrees Celsius.
Freezing level: Above summits.

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